

Date: Thu, 21 Oct 93 04:30:23 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V93 #82  
To: Ham-Digital

Ham-Digital Digest                      Thu, 21 Oct 93                      Volume 93 : Issue    82

Today's Topics:

          Anyone using HP95LX for packet?  
ARESPACK emergency communications terminal program  
          Best setup for a 1200/9600 NOS based gateway?  
          IP Address coordinator for AZ? (2 msgs)  
                  JNOS 1.07b  
                  JNOS 1.07b not on 73  
                  KISS  
                  NWS / NOAA  
                  PK-232MBX TNC FOR SALE  
                  PK-232 settings (4 msgs)  
                  VE3BBS status??

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 18 Oct 93 22:41:49 GMT  
From: library.ucla.edu!news.mic.ucla.edu!ctc.com!pitt.edu!dsinc!spool.mu.edu!  
uwm.edu!logicse!hp-cv!hp-pcd!hpcvsnz!lovin@network.ucsd.edu  
Subject: Anyone using HP95LX for packet?  
To: ham-digital@ucsd.edu

:        I recently acquired an HP95LX palmtop PC, and I'm hoping to turn it, along  
: with my HT and a mini TNC, into an extremely portable packet station. Is any-  
: one else using this great little PC for packet? I'd be interested in hearing  
: from you, either here on via email. Any hints would be appreciated.

Hello Tim -

Using an HP95LX on packet it easy. The only trick is the wiring of the serial connection. You will need the cable from the connectivity pack. I don't have the info at hand, but I will get it for you. Please give me your US mail address or a FAX number. Send this to me via email as - "lovin@cv.hp.com".

Rich Lovin N7VIY

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Date: Wed, 20 Oct 1993 21:23:37 GMT  
From: swrinde!cs.utexas.edu!usc!sol.ctr.columbia.edu!hamblin.math.byu.edu!wicat!keithm@network.ucsd.edu  
Subject: ARESPACK emergency communications terminal program  
To: ham-digital@ucsd.edu

ARESPACK Ver 3.0, a specialized packet radio terminal program designed especially for emergency communications is now available via anonymous FTP.

I have posted the program to BYUGATE.CS.BYU.EDU in the ARES/ directory.

This program is fast becoming the standard for packet emergency communications in the state of Utah, and we hope that it will spread to other areas.

For those without FTP access, you may e-mail me and I will try to send you a copy via e-mail.

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Keith McQueen, Wicat Systems Inc. , (801)223-3284	My opinions are
Packet: n7hmf @ nv7v.UT.USA.NA	all mine...
Internet: keithm@wicat.com	...so there!

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Date: 20 Oct 93 17:47:55 GMT  
From: ogicse!uwm.edu!spool.mu.edu!sol.ctr.columbia.edu!hamblin.math.byu.edu!news.byu.edu!news@network.ucsd.edu  
Subject: Best setup for a 1200/9600 NOS based gateway?  
To: ham-digital@ucsd.edu

Greetings digi-hams! I've got a question for those who may have some experience or expertise in the area of gateways, NOS and/or running multiple radio/TNC combinations.

Our club currently has a packet/Internet gateway with one port on 2m simplex 1200 baud vanilla packet. We have been toying with the idea of adding a 70cm simplex 9600 port as well. We are using one of the NOS variants running on an IBM PC clone as the heart of the system. The question is: what is the best way to add the 9600 baud port while minimizing the cost of doing so?

We have seen things like the N2XR(?) radio multiplier and the G8BPQ port switching software that sound good to us since that means there is the possibility of using one dual-bandradio for both modes (1200/9600). But what are the throughput ramifications of these options?

Also, we have heard about dual-port TNC's. Are there dual port TNC's that can do 1200 baud on one port and 9600 baud on the other?

Obviously we don't feel like we have a handle on the hardware and software and combinations of hardware/software that would be required to do the job. We would LOVE to get any input that any of you have with respect to the above proposed system! Thanks in advance!

73 de N7SHV!

Kris Nosack  
Brigham Young University, Provo, Utah, U.S.A.  
kris\_nosack@byu.edu

>>>----> Be strange, but not a stranger! <----<<<

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Date: Mon, 18 Oct 93 19:14:17 MST  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!  
cs.utexas.edu!asuvax!ennews!stat!david@network.ucsd.edu  
Subject: IP Address coordinator for AZ?  
To: ham-digital@ucsd.edu

markm@bigfoot.sps.mot.com (Mark Monninger) writes:

> Does anyone know who the IP address coordinator for Arizona is? An email or  
> packet address would be helpful as well. Last I heard, it was WB7TPY but I  
> don't know if he's still handling IP addresses.

Yep, it is still me.

---

Internet: david@stat.com                      FAX: +1 (602) 451-6135  
Bitnet: ATW1H@ASUACAD                      FidoNet=> 1:114/15  
Amateur Packet ax25: wb7tpy@wb7tpy.az.usa.na

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Date: Mon, 18 Oct 93 21:25:30 MST  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!  
cs.utexas.edu!asuvax!ennews!stat!aznet!dan@network.ucsd.edu  
Subject: IP Address coordinator for AZ?  
To: ham-digital@ucsd.edu

markm@bigfoot.sps.mot.com (Mark Monninger) writes:

> Does anyone know who the IP address coordinator for Arizona is? An email or  
> packet address would be helpful as well. Last I heard, it was WB7TPY but I  
> don't know if he's still handling IP addresses.  
>  
> Thanks & 73...      Mark      AA7TA

Yes, WB7TPY@WB7TPY.AMPR.ORG or WB7TPY@WB7TPY.AZ.USA.NA or david@stat.com

Dan

-----  
Daniel J. Meredith	Arizona Packet Radio Coordinator	My Comments Are
P.O. Box 44563	Ax.25    : n7mrp@n7mrp.az.usa.na	My Own & DO NOT
Phoenix, Az 85064-4563	Internet: dan@aznet.stat.com	Represent My
Voice/Data: (602) 956-2566	TCP/IP    : 44.xxx.xxx	Employer...
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Date: Wed, 20 Oct 1993 03:18:52 GMT  
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!  
math.ohio-state.edu!hobbes.physics.uiowa.edu!news.uiowa.edu!news@network.ucsd.edu  
Subject: JNOS 1.07b  
To: ham-digital@ucsd.edu

The articles suggest the use of version 1.08c. Does the disk include  
documentation files.

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Date: 20 Oct 93 12:24:54 GMT

From: noc.near.net!news.delphi.com!BIX.com!jsloman@uunet.uu.net  
Subject: JNOS 1.07b not on 73  
To: ham-digital@ucsd.edu

OK Burt, apology accepted here and please accept my apology for reacting as I did. I had originally intended to use 1.08c, the most current version generally available in compiled form when I wrote the first column. However, I found that I could not reliably locate 1.08c from Internet sources.

1.07b is the version that I found on UCSD.EDU which is the most reliable FTP site I use, so I switched. It will still be possible to use 1.08(x) or even 1.10x(n) with the column. The only trouble is, with all of the really great things that Johann does to JNOS, the one bad thing is he changes the format/contents of AUTOEXEC.NOS statements. I did not want to track the differences in the column, alas it looks like I will need to.

So here's how it stands:

Use any version of JNOS 1.07b or higher.

You are better off NOT using 1.10x(anything) because those are beta versions that probably have bugs.

Get the file JNOS4099.exe, which contains a complete manual. (ftp.ece.orst.edu in pub/ham/wg7j) This will NOT be required to follow the series, but it will be very useful.

And once again I apologize for the confusion that this whole thing turned into. I have great sympathy for the writers of these packages now, while they get no money for their work (I get almost nothing), they are expected to provide all sorts of services to the ham population. I write for 73 as part of my amateur radio hobby. I am trying to contribute to ham radio by enhancing digital mode operations, and increasing the number of people on the air with advanced software like TCP/IP. I am ALWAYS interested in feedback about my work, I really expect and want to hear from you good or bad.

This series turned out to be wildly popular. Many of you wrote to me telling of how excited you are after reading about TCP/IP and what it can do. This is precisely my goal, to transfer some of my own enthusiasm to you. If the various typos and delays have turned any of you away from this project I am truly sorry, let's get back on track here.

I am going to see about posting the first column in the series to this newsgroup so those of you who do not receive 73 can have a look.

73 de N1EW0--Jeff Sloman

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Date: 20 Oct 93 06:43:41 CDT  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!uchinews!cdsmaill!timbuk.cray.com!hemlock.cray.com!walter.cray.com!ferrari!jwl@network.ucsd.edu  
Subject: KISS  
To: ham-digital@ucsd.edu

Is there a document somewhere that discusses the KISS protocol in some detail? On-line possibly?

Thanks and 73,  
Jim.

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Jim Lynch, Sales Analyst, Cray Research, Inc. / ARS: K4GV0  
Southeast District, Phone: (404) 631-2254, Email: jwl@sedist.cray.com  
Suite 270, 200 Westpark Drive, Peachtree City, GA 30269

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Date: 19 Oct 93 05:02:55 GMT  
From: galaxy.ucr.edu!library.ucla.edu!news.mic.ucla.edu!ctc.com!pitt.edu!dsinc!spool.mu.edu!uwm.edu!linac!convex!news.oc.com!mercury.unt.edu!sol!io90@network.ucsd.edu  
Subject: NWS / NOAA  
To: ham-digital@ucsd.edu

Is it possible on either 440 or 2m to get a NOAA report 24 hours a day via packet or someother means? I am trying to find some way to get continous weather bulletins.. My rig situation is a 10Meter rig and a 2M 440 dualbander.. Any suggestions?

Trey - N5RXZ

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Date: 19 Oct 93 12:11:35 GMT  
From: mnemosyne.cs.du.edu!nyx!rchalk@uunet.uu.net

Subject: PK-232MBX TNC FOR SALE  
To: ham-digital@ucsd.edu

I have a PK-232MBX TNC for sale, vintage about 1990, all manuals, software including FAX software, cables, etc. Good condition.

Asking \$250.00 but open to offers..

e-mail, or call me at 404-587-1613

Richard Chalk

Date: Wed, 20 Oct 1993 20:36:52 GMT  
From: news.mentorg.com!wv.mentorg.com!hanko@uunet.uu.net  
Subject: PK-232 settings  
To: ham-digital@ucsd.edu

In article <pineappCF7Br1.LnK@netcom.com>, pineapp@netcom.com (Daniel Curry) writes:

```
|>
|> I would like to know why sometimes I see garbarage on my screen?
|> This only happens with some traffic. I do see the from station and to station
|> call letters in plain text.
|>
|>
|> If anyone has an AEA Pk-232.Would you mind sending me a copy
|> of your paramenters (F9)?
|>
|> Thank you,
|> --
|> .-----+-----
|> | INTERNET: pineapp@netcom.com | Daniel Curry WB6STW/AA |
|> | AMPRNET : dan@wb6stw.ampr.org [44.4.20.144] | E-:-) Ham Radio Operator |
|> | AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA | Redwood City, CA USA |
|> |-----+-----
```

Setting MON OFF will cure this problem.

... Hank

— —

Hank Oredson @ Mentor Graphics  
Internet : hank\_oredson@mentorg.com  
Amateur Radio: WORLI@WORLI.OR.USA.NA





Rajiv  
aa9ch  
r-dewan@nwu.edu

-----  
Date: 21 Oct 93 10:38:26 GMT  
From: ogicse!uwm.edu!spool.mu.edu!torn!csd.unb.ca!UPEI.CA!seeler@network.ucsd.edu  
Subject: PK-232 settings  
To: ham-digital@ucsd.edu

In article <pineappCF7Br1.LnK@netcom.com> pineapp@netcom.com (Daniel Curry)  
writes:

>From: pineapp@netcom.com (Daniel Curry)

>Subject: PK-232 settings

>Date: Wed, 20 Oct 1993 15:16:12 GMT

>

> I would like to know why sometimes I see garbarage on my screan?

>This only happens with some traffic. I do see the from station and to station

>call letters in plain text.

>

>

> If anyone has an AEA Pk-232.Would you mind sending me a copy

>of your paramenters (F9)?

>

>Thank you,

>--

>-----+-----  
>| INTERNET: pineapp@netcom.com | Daniel Curry WB6STW/AA |  
>| AMPRNET : dan@wb6stw.ampr.org [44.4.20.144] | E:-) Ham Radio Operator |  
>| AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA | Redwood City, CA USA |  
>|-----+-----

I wonder if you are copying netrom/The net/ NOS network interactions -  
take a look at the parameter - mproto - one setting allows you to  
monitor binary traffic between these nodes while the other filters  
the high order ascii characters out.

Other settings should not have an impact here with the AEA models I believe -  
but my manuals for the 2232 and 232 are at home. Changing the monitor command  
may not be the best way to go - depending on the information you wish to  
see regarding stations on frequency.

If this is not the issue in your case - send me a E-Mail message at  
Seeler@upeii.ca - I will check it out when I get home this eve.

73 Dave, VY2DCS  
Internet: Seeler@upeii.ca

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Date: Wed, 20 Oct 1993 15:12:48 GMT  
From: dog.ee.lbl.gov!agate!spool.mu.edu!olivea!apple.com!netcomsv!netcom.com!  
pineapp@network.ucsd.edu  
Subject: VE3BBS status??  
To: ham-digital@ucsd.edu

I connected to VE3BBS on twenty meters and was disconnected  
by VE3BBS. A message came up and says something That I was  
not a BBS station. What does this mean? How many others are like this?  
--

```
-----+-----  
| INTERNET: pineapp@netcom.com           | Daniel Curry  WB6STW/AA |  
| AMPRNET : dan@wb6stw.ampr.org [44.4.20.144] | E--:) Ham Radio Operator |  
| AX.25   : wb6stw@n0ary.#NOCAL.CA.USA.NA   | Redwood City, CA USA   |  
-----+-----
```

-----  
Date: 20 Oct 1993 15:22:48 +0100  
From: swrinde!sdd.hp.com!usc!howland.reston.ans.net!pipex!warwick!  
unicorn.nott.ac.uk!unicorn.nott.ac.uk!not-for-mail@network.ucsd.edu  
To: ham-digital@ucsd.edu

References <19930ct18.175712.29447@news.mentorg.com>,  
<2a10r4\$ns@unicorn.ccc.nottingham.ac.uk>,  
<19930ct19.191114.29791@news.mentorg.com>ai  
Subject : Re: Packet Standards

In article <19930ct19.191114.29791@news.mentorg.com> Hank\_Oredson@mentorg.com  
writes:

>A good deal of the existing standard (which is in an "in process" state)  
>contains text provided by about 5 of the bbs authors, and was edited to  
>it's present format by n0ary and w0rli, mostly.  
>For my contributions: "I place them in the public domain."  
>I hope the other authors will do the same.  
Good. I presume that we will need the consent of everybody else as well..

>I have no problem with placing an "ARFC-nnnn" name on the document, and  
>storing it where it can be accessed by anyone.  
Hey, if you hurry you can have ARFC1.. :-)

>To continue the work, we need an editor ... someone who will handle changes  
>and additions, do any re-formatting, supply plain ASCII, PS, whatever.  
> ... and also moderate the discussion between the authors ...  
>Were I to take on that task (and I did \*not\* volunteer!), I would use

>Framemaker and provide .fm, .mif, .txt, and .ps output.  
Hmm. If nobody else wants to do it, I'd do the job in the absence of any better candidates. However, someone in the US might be better connected. I dunno.

>My personal opinion is that plain text is what is really needed.  
>The system I use for editing and commenting does not run unix, does not  
>have tex, does not support postscript, etc. This situation will be true  
>for several of the authors, so we should stick to plain text while we  
>create the document.  
That's what we need - supply plain text but alternatively also supply a .ps version if you wish. Plain text to be compulsory, Postscript optional..

>The ARRL has indicated some interest in sponsoring this work, but not a  
>lot has come of that yet. ADRS has also indicated interest. Seems to me  
>better to have an organization be "owner" of these documents, rather than  
>some individual.  
Yes. Definitely. Such as, the InterNIC is official custodian of the RFCs, someone like the ARRL (I won't even suggest the RSGB :) ) should keep the canonical copies of the standards after they come from the editor.

>I plan to submit another such document in the next week or so (topic:  
>"A standard for Compressed Batch Forwarding based on iwant/ihave.")  
>Should I just post it to the net? Send it as a bulletin "@ WW" ?  
I'd guess that the distribution procedure could be something like..

- a) Post to this newsgroup
- b) Post to packet @WW, possibly from two or three different places (using the same BID) to ensure it gets everywhere (but is that legal?))
- c) Make available for anonymous FTP and for packet users via CLIVE. I've got a home for them as far as UK packet is concerned, there's a CLIVE topic being opened up. I presume everyone knows what CLIVE is? Well, it's basically a mailserver for packet..
- d) Sit back and watch the flamewar ;-)

Hmm. I'm off to have a look at the 'Instructions for RFC Authors', and start rewriting it..

Stay happy  
Mike

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--
+----- 0 Mike Knell, University of Nottingham, UK -+
|           Nevertheless.. -/ \- Internet: eeyimkn@unicorn.nott.ac.uk |
|           the Turtle Moves! -\_/- AX25: g7gpa@gb7bad.#23.gbr.eu |
+---M.T.V. - GET OFF THE AIR!-- | AMPRnet: mpk@hobbes.g7gpa.ampr.org -----+
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End of Ham-Digital Digest V93 #82

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